compare the broadcast channel timing information from the at least two base stations, said logic unit having an output to provide a message requesting a timing adjustment to the traffic channel of at least one base station;

a transmitter having an input operatively connected to the logic unit output to receive traffic channel timing requests, said transmitter having an output to transmit timing adjustment messages to communicating base stations;

in which said second summing circuit is a plurality of summing circuits, with each said second summing circuit summing the multipathed traffic channel data symbols of a different transmitting base station; and

a third summing circuit having a plurality of inputs operatively connected to said second summing circuit outputs, and an output to provide the sum of the traffic channel data symbols of different transmitting base stations, whereby the traffic channel symbols from multiple base stations are summed for an enhanced signal to noise ratio message.

25. A receiver as in claim **24** wherein broadcast and traffic control messages are organized into a series of time multiplexed slots, and in which said broadcast and traffic channel RAKE receivers estimate weights and phase shifts to apply to the demodulation of traffic channel data symbols through an interpolation process using the weight and phase shift estimates from present, as well as succeeding slots.

26. A receiver as in claim **24** wherein broadcast and traffic control messages are organized into a series of time multiplexed slots, and the traffic channel data symbols include a transmit power control (TPC) bit, and in which said broadcast and traffic channel RAKE receivers estimate weights and phase shifts to apply to the demodulation of the TPC bit through an extrapolation process using the weight and phase shift estimates from present, as well as previous slots.

27. In a code division multiple access (CDMA) communication system having a plurality of base stations asynchronously communicating to a plurality of mobile stations, the communications from a base station to a mobile station being formatted in a plurality of coded channels including a broadcast channel message and a traffic channel message propagating along at least one transmission path, with a corresponding path delay, the broadcast channel message including predetermined time multiplexed reference and special timing symbols, and the traffic channel message including time multiplexed data symbols, a method for each mobile station to synchronize communications from at least two base stations comprising the steps of:

a) despreading at least one broadcast channel special timing symbol from each base station;

b) establishing the broadcast channel multiplex timing for a transmission path, in response to each broadcast channel special timing symbol despread in Step a);

c) despreading the broadcast channel reference symbols for each transmission path identified in Step b);

d) in response to the broadcast channel reference symbols despread in Step c), identifying at least two base stations from which transmissions are being received;

e) demodulating the broadcast channel reference symbols for each transmission path identified in Step b);

f) in response to the broadcast channel reference symbols demodulated in Step e), refining the broadcast channel multiplex timing established in Step b);

g) comparing the broadcast channel timing, refined in Step e) from at least two base stations; and

h) in response to the comparison made in Step g), transmitting a request to one of the at least two base stations to adjust its transmission of the traffic channel, whereby the delay between the transmissions of traffic channels by different base stations is minimized.

28. A method as in claim **27** comprising the further steps, following Step c), of:

i) completely despreading the broadcast and traffic channel messages for each transmission path identified in Step b);

j) demodulating the traffic channel data symbols;

k) for each base station identified in Step d), combining the traffic channel data symbols demodulated in Step j); and

l) summing the traffic channel data symbols combined in Step k) for all the base stations identified in Step d), whereby the signal to noise ratio of the received message is enhanced from the diversity of combining each transmission path, as well as each base station.

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